

SUMMARY:

BSUM(24)

Still another problem with prior electronically controlled **cameras** concerns the liquid crystal **display** which **indicates** the different **operating** states of the camera. Such an indicator provides information on the frame number of the film loaded in the camera, . . .

=> d 4 kwic

US PAT NO: 4,992,866 :IMAGE AVAILABLE: L4: 4 of 6

DETDESC:

DETD(26)

Mode . . . are made by the user. In mode 4, the user selects the monitor, the area to be viewed and the **camera** to be **used**, by **indicating** these items on the **screen** 30. The processor acts on these inputs to position the selected camera to view the selected area and automatically displays. . .

=> d 5 kwic

US PAT NO: 4,279,481 :IMAGE AVAILABLE: L4: 5 of 6

ABSTRACT:

An . . . of function indicators and a second array of quantity indicators. The function indicators are selectively actuatable by a switch arrangement **operated** by the **camera** user and the quantity **indicators display** the quantity of the camera function selected. The information display arrangement also includes apparatus for accurately displaying battery voltage status. . .

=> d 6 kwic

US PAT NO: 4,148,579 :IMAGE AVAILABLE: L4: 6 of 6

DETDESC:

DETD(61)

The capacity to make an unused numerical display, is **used** to control **display** lamps 146 for **indicating camera status** condition. In greater detail, the display device 280 includes any suitable number "N" of numerical display positions. For example, if. . .

=> d his

(FILE 'USPAT' ENTERED AT 18:09:52 ON 03 SEP 1997)

SET HIGH OFF
L1 4715 S (MULTIL? OR PLURAL? OR MANY) (5A) (?CAMERA OR ?CAMERAS)
SET HIGH ON
SET HIGH OFF
L2 90128 S (PLURAL? OR MANY? OR MULTIPL?) (3A) (USER# OR CONTROL? OR
OPE
SET HIGH ON
L3 34 S (DISPLAY? OR SCREEN) (5A) (STATUS OR INDICAT?) (5A) (?CAMERA
OR
L4 6 S L1 AND L2 AND L3

=> d 1-6

1. 5,550,611, Aug. 27, 1996, Camera; Tokuji Ishida, et al., 396/48, 89,

213 :IMAGE AVAILABLE:

2. 5,041,860, Aug. 20, 1991, Indicator unit for an electronically controlled camera; Takeo Kobayashi, et al., 396/88, 291 :IMAGE AVAILABLE:

3. 5,012,272, Apr. 30, 1991, Indication control unit for an electronically controlled camera; Yasushi Tabata, et al., 396/284, 406 :IMAGE AVAILABLE:

4. 4,992,866, Feb. 12, 1991, Camera selection and positioning system and method; Jack B. Morgan, 348/159; 340/825.06, 825.49; 348/153, 218, 705 :IMAGE AVAILABLE:

5. 4,279,481, Jul. 21, 1981, Information display arrangement for camera; Takao Ishibashi, et al., 352/171 :IMAGE AVAILABLE:

6. 4,148,579, Apr. 10, 1979, Automatic microfilm camera; Donald J. Axelrod, et al., 355/41; 226/76, 101; 355/64, 75, 77; D18/36 :IMAGE AVAILABLE:

(FILE 'USPAT' ENTERED AT 16:13:04 ON 03 SEP 1997)

SET HIGH OFF

L1 5762 S (PLURAL? OR MULTIPL? OR MANY) (5A) (?CAMERAS OR ?CAMERA)

L2 18453 S (?CAMERA OR ?CAMERAS) (5A) (CONTROL? OR OPERAT?)

SET HIGH ON

L3 3581 S L1 AND L2

L4 1165 S (PLURAL? OR MULTIPL? OR MANY) (3A) (USER# OR OPERATOR# OR
CON

SET HIGH OFF

L5 27058 S (DISPLAY OR SCREEN) (5A) (STATUS OR LAYOUT OR AREA OR REGI
ON)

SET HIGH ON

=> s 13 and 14 and 15

L6 93 L3 AND L4 AND L5

=> s (user or operator or controller) (5a) (access? or code# or authoriz? or id
or identification) (p) (?cameras or ?camera)

240182 USER

255963 OPERATOR

137520 CONTROLLER

365352 ACCESS?

142748 CODE#

13562 AUTHORIZ?

35535 ID

87611 IDENTIFICATION

23370 ?CAMERAS

57925 ?CAMERA

L7 641 (USER OR OPERATOR OR CONTROLLER) (5A) (ACCESS? OR CODE# OR AU
THO

RIZ? OR ID OR IDENTIFICATION) (P) (?CAMERAS OR ?CAMERA)

=> s 14 and 15

L8 141 L4 AND L5

=> del 18

DELETE L8? (Y)/N:y

=> s 16 and 17

L8 14 L6 AND L7

=> d his

(FILE 'USPAT' ENTERED AT 16:13:04 ON 03 SEP 1997)

SET HIGH OFF

L1 5762 S (PLURAL? OR MULTIPL? OR MANY) (5A) (?CAMERAS OR ?CAMERA)

L2 18453 S (?CAMERA OR ?CAMERAS) (5A) (CONTROL? OR OPERAT?)

SET HIGH ON

L3 3581 S L1 AND L2

L4 1165 S (PLURAL? OR MULTIPL? OR MANY) (3A) (USER# OR OPERATOR# OR
CON

SET HIGH OFF

L5 27058 S (DISPLAY OR SCREEN) (5A) (STATUS OR LAYOUT OR AREA OR REGI
ON)

SET HIGH ON

L6 93 S L3 AND L4 AND L5

L7 641 S (USER OR OPERATOR OR CONTROLLER) (5A) (ACCESS? OR CODE# OR
AU

L8 14 S L6 AND L7

=> d 1-14

1. 5,598,209, Jan. 28, 1997, Method for automatically adjusting a video
conferencing system camera; Leo M. Cortjens, et al., 348/211, 15 :IMAGE

AVAILABLE:

2. 5,592,321, Jan. 7, 1997, Apparatus for selective routing of information signals; David Elberbaum, 359/173; 348/335, 385; 359/109 :IMAGE AVAILABLE:

3. 5,589,878, Dec. 31, 1996, Method of determining an error in a video conferencing system camera; Leo M. Cortjens, et al., 348/211, 15, 734 :IMAGE AVAILABLE:

4. 5,583,565, Dec. 10, 1996, Method for automatically adjusting the pan and tilt of a video conferencing system camera; Leo M. Cortjens, et al., 348/15, 213 :IMAGE AVAILABLE:

5. 5,568,183, Oct. 22, 1996, Network videoconferencing system; Leo M. Cortjens, et al., 348/15, 13, 211 :IMAGE AVAILABLE:

6. 5,528,289, Jun. 18, 1996, Method for automatically adjusting a videoconferencing system camera to center an object; Leo M. Cortjens, et al., 348/211, 15, 213 :IMAGE AVAILABLE:

7. 5,526,037, Jun. 11, 1996, Method for remotely controlling a peripheral device in a videoconferencing system; Leo M. Cortjens, et al., 348/15; 375/220, 257 :IMAGE AVAILABLE:

8. 5,515,099, May 7, 1996, Video conferencing system controlled by menu and pointer; Leo M. Cortjens, et al., 348/15, 6, 211 :IMAGE AVAILABLE:

→ 9. 5,508,737, Apr. 16, 1996, Remote video viewing and recording system for remotely occurring events; Michael Lang, 348/159, 8, 157, 705 :IMAGE AVAILABLE:

→ 10. 5,237,408, Aug. 17, 1993, Retrofitting digital video surveillance system; Jeffrey D. Blum, et al., 348/154, 12 :IMAGE AVAILABLE:

11. RE 31,023, Sep. 7, 1982, Highly automated agricultural production system; Arthur D. Hall, III, 47/1.01R, 2, DIG.6; 56/237, 328.1; 137/79, 236.1, 386; 138/111; 180/305; 193/25E; 198/570; 209/173; 239/69, 210, 727, 745; 364/172, 400; 382/100 :IMAGE AVAILABLE:

→ 12. 4,283,766, Aug. 11, 1981, Automatic camera control for creating special effects in motion picture photography; R. David Snyder, et al., 364/525; 352/48, 53, 90; 364/174, 189, 194 :IMAGE AVAILABLE:

13. 4,027,315, May 31, 1977, Multiple image camera; Howard Hunter Barney, 396/338; 346/107.2; 347/257, 258; 396/429 :IMAGE AVAILABLE:

14. 4,015,366, Apr. 5, 1977, Highly automated agricultural production system; Arthur D. Hall, III, 47/1.01R, 2, DIG.6; 56/237, 328.1; 137/79, 236.1, 386; 138/111; 193/25E; 198/570; 209/173; 239/69, 210, 727, 745; 348/143; 364/143, 150, 172, 400, 420; 382/110 :IMAGE AVAILABLE:

16. 5,111,288, May 5, 1992, Surveillance camera system; David M. Blackshear, 348/143, 37 :IMAGE AVAILABLE:
17. 4,992,866, Feb. 12, 1991, Camera selection and positioning system and method; Jack B. Morgan, 348/159; 340/825.06, 825.49; 348/153, 218, 705 :IMAGE AVAILABLE:
18. 4,949,391, Aug. 14, 1990, Adaptive image acquisition system; James L. Faulkerson, et al., 382/313, 221 :IMAGE AVAILABLE:
19. 4,945,367, Jul. 31, 1990, Surveillance camera system; David M. Blackshear, 396/427; 348/143 :IMAGE AVAILABLE:
20. 4,516,156, May 7, 1985, Teleconferencing method and system; Alfonso V. Fabris, et al., 348/15, 211 :IMAGE AVAILABLE:
21. 4,283,766, Aug. 11, 1981, Automatic camera control for creating special effects in motion picture photography; R. David Snyder, et al., 364/525; 352/48, 53, 90; 364/174, 189, 194 :IMAGE AVAILABLE:

=> d his

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(FILE 'USPAT' ENTERED AT 16:14:45 ON 02 SEP 1997)
      SET HIGH OFF
L1      4334 S (?CAMERA OR ?CAMERAS) (3A) (PLURAL? OR MULTIPL? OR MANY)
L2      52791 S REMOTE?(5A) (CONTROL? OR OPERAT?)
      SET HIGH ON
L3      431 S L1 AND L2
      SET HIGH OFF
L4      221937 S (COMPUTER OR MICROCOMPUTER OR MICRO-COMPUTER OR CPU)
      SET HIGH ON
L5      169 S (DISPLAY? OR MONITOR?) (5A) STATUS(P) (?CAMERA OR ?CAMERAS)
L6      21 S L3 AND L4 AND L5
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=> d 1-21

1. 5,648,897, Jul. 15, 1997, System for controlling a remote unit; Darren Johnson, et al., 364/188; 395/92, 94, 99 :IMAGE AVAILABLE:
2. 5,598,456, Jan. 28, 1997, Integrated telephone, intercom, security and control system for a multi-unit building; David H. Feinberg, 379/42, 43, 44, 47, 49 :IMAGE AVAILABLE:
3. 5,598,209, Jan. 28, 1997, Method for automatically adjusting a video conferencing system camera; Leo M. Cortjens, et al., 348/211, 15 :IMAGE AVAILABLE:
4. 5,589,878, Dec. 31, 1996, Method of determining an error in a video conferencing system camera; Leo M. Cortjens, et al., 348/211, 15, 734 :IMAGE AVAILABLE:
5. 5,583,796, Dec. 10, 1996, Video security backup system; Daniel J. Reese, 364/550; 348/152, 159; 364/525 :IMAGE AVAILABLE:
6. 5,583,565, Dec. 10, 1996, Method for automatically adjusting the pan and tilt of a video conferencing system camera; Leo M. Cortjens, et al., 348/15, 213 :IMAGE AVAILABLE:
7. 5,576,757, Nov. 19, 1996, Electronic still video camera with direct personal computer (PC) compatible digital format output; Marc K. Roberts, et al., 348/207, 220, 232; 358/906 :IMAGE AVAILABLE:
8. 5,568,183, Oct. 22, 1996, Network videoconferencing system; Leo M. Cortjens, et al., 348/15, 13, 211 :IMAGE AVAILABLE:

9. 5,528,289, Jun. 18, 1996, Method for automatically adjusting a videoconferencing system camera to center an object; Leo M. Cortjens, et al., 348/211, 15, 213 :IMAGE AVAILABLE:
10. 5,526,037, Jun. 11, 1996, Method for remotely controlling a peripheral device in a videoconferencing system; Leo M. Cortjens, et al., 348/15; 375/220, 257 :IMAGE AVAILABLE:
11. 5,515,099, May 7, 1996, Video conferencing system controlled by menu and pointer; Leo M. Cortjens, et al., 348/15, 6, 211 :IMAGE AVAILABLE:
12. 5,432,838, Jul. 11, 1995, Communication system; F. Jack Purchase, et al., 455/523; 348/6, 13 :IMAGE AVAILABLE:
13. 5,412,708, May 2, 1995, Videophone system for scrutiny monitoring with computer control; Ronald A. Katz, 348/14, 16; 379/39 :IMAGE AVAILABLE:
14. 5,281,988, Jan. 25, 1994, Universal remote control device for cameras; Stanley D. Martin, 396/59, 265, 428, 504, 544 :IMAGE AVAILABLE:
15. 5,138,459, Aug. 11, 1992, Electronic still video camera with direct personal computer (PC) compatible digital format output; Marc K. Roberts, et al., 348/232, 233 :IMAGE AVAILABLE:
16. 5,111,288, May 5, 1992, Surveillance camera system; David M. Blackshear, 348/143, 373 :IMAGE AVAILABLE:
17. 4,992,866, Feb. 12, 1991, Camera selection and positioning system and method; Jack B. Morgan, 348/159; 340/825.06, 825.49; 348/153, 218, 705 :IMAGE AVAILABLE:
18. 4,949,391, Aug. 14, 1990, Adaptive image acquisition system; James L. Faulkerson, et al., 382/313, 221 :IMAGE AVAILABLE:
19. 4,945,367, Jul. 31, 1990, Surveillance camera system; David M. Blackshear, 396/427; 348/143 :IMAGE AVAILABLE:
20. 4,516,156, May 7, 1985, Teleconferencing method and system; Alfonso V. Fabris, et al., 348/15, 211 :IMAGE AVAILABLE:
21. 4,283,766, Aug. 11, 1981, Automatic camera control for creating special effects in motion picture photography; R. David Snyder, et al., 364/525; 352/48, 53, 90; 364/174, 189, 194 :IMAGE AVAILABLE: